

REMARKS

Claims 1 - 32 are presently pending. In the above-identified Office Action, the Examiner rejected the Claims under 35 U.S.C. § 102(e) as being anticipated by Katta *et al.* (U.S. Patent No. 6,353,444) hereinafter 'Katta'.

By this paper, Applicants have amended the Claims 1, 2, 8, 15, 18, 19, 25 and 27 to highlight the patentably distinct features thereof. For the reasons set forth more fully below, Applicants respectfully submit that the invention is patentable over the prior art. Reconsideration, allowance and passage to issue are therefore respectfully requested.

The present invention addresses the need in the art for a system or method for providing an instant replay capability for **mobile** receivers. In a most general implementation, the inventive system is a receiver adapted to receive a transmitted signal and provide an instantaneous output signal in response thereto. The inventive receiver includes a medium (electronic or physical) for storing at least a portion of the received signal. In accordance with present teachings, the inventive receiver selectively outputs either a stored selection or the receive signal in response to user input (i.e. a replay signal).

In the illustrative embodiment, the receiver is a satellite digital audio radio service receiver having a radio frequency tuner and audio decoder. The system controller is a microprocessor that causes the system to store each selection as it is received. In the best mode, this is facilitated by the transmission and reception of a start of selection signal and an end of selection signal. The replay signal is provided via a user interface. Software running on a microprocessor includes code for detecting the presence of the instant replay signal. On detection of the replay signal, the software causes the system to output the stored selection.

The invention is set forth in Claims of varying scope, of which Claim 1 is illustrative. Claim 1, as amended, reads as follows:

1. A mobile receiver comprising:
first means for receiving a transmitted signal and providing an instantaneous output signal in response thereto;
second means for storing at least a portion of said received signal;
third means for providing a replay signal; and
fourth means for selectively outputting said stored portion of said received signal or said instantaneous output signal in response to said replay signal
said first, second, third and fourth means being disposed on a common mobile platform. (Emphasis added.)

None of the references, including those cited but not applied, taken alone or in combination, teaches the invention as presently claimed. That is, none of the references teaches, discloses or suggests a mobile receiver having means for receiving a transmitted signal, means for storing a portion of the received signal and means for selectively outputting the stored signal on command **all mounted on a common mobile platform**.

In the above-identified Office Action, the Examiner cited Katta and suggested that Katta anticipated the invention as presently claimed. Katta purports to disclose a user interface and broadcast receiving apparatus. The Examiner suggests that in Fig. 3, Katta teaches the invention as previously claimed.

However, Fig. 3 of the reference appears to teach the equivalent of a VCR (video-cassette recorder) 1100 with a television or monitor 1200 and a remote control unit 1300. Clearly, Katta does not disclose a **mobile** receiver designed to provide a replay capability as presently claimed. That is, Katta does not teach a **mobile** receiver having means for receiving a transmitted signal, means for storing a portion of the received signal and means for selectively outputting the stored signal on command **all mounted on a common mobile platform**. Hence, Claim 1 and the claims dependent thereon should be allowable for this reason alone.

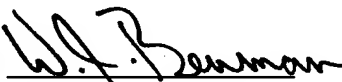
Note also that Katta is not adapted to provide an instant reply capability at the push of a button. (See Claims 8 – 10 and 18 – 20.) Instant replay is an immediate playback of recorded content. In accordance with the present teachings, instant replay is afforded at the push of a single button. This functionality is enabled by the use and detection of start and end of selection signals. (See Claims 11 – 13, 15, 21 – 23 and 29 – 31.) These signals allow the inventive detection means to identify and store program selections in a way that allows the user to quickly and easily replay a recently received

program selection without having to specify start and stop times or continuously monitor the received signals to stop recording and then play it back as would be required by Katta's system and the prior art in general.

In addition, Applicants note that Katta does not teach or disclose a receiver adapted to receive satellite signals per Claim 2 as amended.

Clearly, Katta does not teach, disclose or suggest the invention as presently claimed. Accordingly, reconsideration, allowance and passage to issue are respectfully requested.

Respectfully submitted,
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VERSION WITH MARKINGS TO SHOW CHANGES MADE

IN THE SPECIFICATION:

Paragraph beginning at Page 9, line 1 has been amended as follows:

Thus, the present invention has been described herein with reference to a particular embodiment for a particular application. Those having ordinary skill in the art and access to the present teachings will recognize additional modifications, applications and embodiments within the scope thereof. For example, plural media storage devices or areas within a single device may be employed to store more than a single selection ~~that~~ at a time or to store information being received on one ensemble while the user is listening to another ensemble. Further, those skilled in the art will appreciate that the information may be encoded and/or compressed prior to storage to minimize the stored requirement and/or maximize system performance without departing from the scope of a present teachings.

IN THE CLAIMS:

Please amend the Claims as follows:

1. (Amended) A mobile receiver comprising:

first means for receiving a transmitted signal and providing an instantaneous output signal in response thereto;

second means for storing at least a portion of said received signal;

third means for providing a replay signal; and

fourth means for selectively outputting said stored portion of said received signal or said instantaneous output signal in response to said replay signal

said first, second, third and fourth means being disposed on a common mobile platform.

2. (Amended) The invention of Claim 1 wherein said first means includes ~~a radio frequency tuner~~ means for receiving satellite digital audio service signals.

8. (Amended) The invention of Claim 7 wherein said replay signal is an instant replay signal and said software includes code for detecting the presence of said instant replay signal.

15. (Amended) A satellite digital audio receiver comprising:

a radio frequency tuner and an audio decoder for receiving a transmitted satellite digital audio service signal and providing an instantaneous output signal in response thereto;

~~a storage medium for storing at least a portion of said received signal;~~

a user interface for providing a replay signal;

means for detecting a beginning and an ending of program content provided in said received signal and storing said program content in response to said replay signal and

a system controller for selectively outputting said ~~stored portion of said output signal~~ program content or said instantaneous output signal in response to said replay signal.

18. (Amended) The invention of Claim 17 wherein said replay signal is an instant replay signal and said software includes code for detecting the presence of said instant replay signal.

19. (Amended) The invention of Claim 18 wherein said software includes code for causing said audio decoder to output said ~~stored portion of said received signal~~ program content on the detection of said instant replay signal.

25. (Amended) A method for receiving a satellite digital audio signal including the steps of:

receiving a transmitted signal and providing an instantaneous output signal in response thereto using a mobile satellite digital audio service receiver;

storing ~~at least a portion of~~ program content in said received signal;

providing a replay signal; and

selectively outputting said stored ~~portion of said output signal~~ program content or said instantaneous output signal in response to said replay signal.

27. (Amended) The invention of Claim 26 including the step of causing said receiver to output said stored ~~portion of said received signal~~ program content on the detection of said instant replay signal.